

**Transmittal Letter to the United States  
Designated/Elected Office (DO/EO/US)  
Concerning a Filing Under 35 U.S.C. §371**

**Case's Docket Number**  
NITT.0050

U.S. Application Number (if known)

S. Application Number (if known) 10/018430

*International Application Number*  
**PCT/JP99/03341**

*International Filing Date*  
**June 23, 1999**

*Priority Date Claimed*  
**June 23, 1999 -**

*Title of Invention*

## CENTRIFUGAL SEPARATOR AND SAMPLE PREPARATION DEVICE USING THE SEPARATOR

*Applicant(s) for DO/EO/US*

Kazunori ÔKANO, Katsuji MURAKAWA, Shinichi FUKUZONO, and Yukiko IKEDA

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. §371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. §371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. §371(c)(3)).
9. ☒ An executed oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

**Items 11 to 20 below concern other document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. §§1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:

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Application Number (if known) <b>10/018430</b>		International Application Number PCT/JP99/03341		Attorney's Docket Number NITT.0050	
				CALCULATIONS	PTO USE ONLY
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:  <b>Basic National Fee</b> (37 C.F.R. §1.492(a)(1)-(5)):  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... 1,040.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... 890.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO. .... 740.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... 710.00</p>					
<p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... 100.00</p>					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT</b>				<b>\$890.00</b>	
<p>Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. §1.492(e)).</p>				<b>0.00</b>	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RAT</b>		
Total Claims	52	32	x \$18.	<b>576.00</b>	
Independent Claims	18	15	x \$84.	<b>1,260.00</b>	
Multiple Dependant Claims (if applicable)			+ 280.00		
<b>TOTAL OF ABOVE CALCULATIONS</b>				<b>2,726.00</b>	
<p><input type="checkbox"/> Entity claims small entity status. See 37 CFR1.27. The fees indicated above are reduced by 1/2.</p>				<b>0.00</b>	
<b>SUBTOTAL</b>				<b>2,726.00</b>	
<p>Processing fee of <b>\$130.00</b> for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 C.F.R. §1.492(f)).</p>				<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE</b>				<b>2,726.00</b>	
<p>Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). <b>\$40.00</b> per property</p>				<b>\$40.00</b>	
<b>TOTAL FEES ENCLOSED</b>				<b>\$ 2,766.00</b>	
				<b>Amount to be Refunded:</b>	<b>\$</b>
				<b>Charged:</b>	<b>\$</b>
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$2,766.00</b> to cover the national fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my <b>Deposit Account Number 08-1480</b> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to <b>Deposit Account Number 08-1480</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. <b>Provide credit card information and authorization on PTO-2038.</b></p> <p><b>Note.:</b> Where an appropriate time limit under 37 C.F.R. §1.94 or §1.495 has not been met, a petition to revive (37 C.F.R. §1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					

Respectfully submitted,

Stanley P. Fisher

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**JUAN CARLOS A. MARQUEZ**  
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December 20, 2001

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## DECLARATION

I, Yoshinori Matsushima, of 1-76, 1-chome, Suehiro-cho, Ohme-shi, Tokyo, Japan, hereby declare that to the best of my knowledge and belief the following is a true translation made by me of the specification and drawings of the PCT International Application under No. PCT/JP99/03341 which was filed on June 23, 1999 in the name of HITACHI, LTD.

Dated this 4th day of December, 2001

Yoshinori Matsushima

Yoshinori Matsushima